

STIC Biotechnology Systems Branch

RAW SEQUENCE LISTING
ERROR REPORT

The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 10/523,400
Source: PCT
Date Processed by STIC: 03/03/2006

THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.

PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

FOR CRF SUBMISSION AND PATENTIN SOFTWARE QUESTIONS, PLEASE CONTACT MARK SPENCER, TELEPHONE: 571-272-2510; FAX: 571-273-0221

TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 4.4.0 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:

<http://www.uspto.gov/web/offices/pac/checker/chkrnote.htm>

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebs/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450
3. Hand Carry, Federal Express, United Parcel Service, or other delivery service (EFFECTIVE 01/14/05):
U.S. Patent and Trademark Office, Mail Stop Sequence, Customer Window, Randolph Building, 401 Dulany Street, Alexandria, VA 22314

Revised 01/10/06

Raw Sequence Listing Error Summary

ERROR DETECTED

SUGGESTED CORRECTION

SERIAL NUMBER: 10/523,400

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1 Wrapped Nucleics
 Wrapped Aminos The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."

- 2 Invalid Line Length The rules require that a line not exceed 72 characters in length. This includes white spaces.

- 3 Misaligned Amino
 Numbering The numbering under each 5th amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.

- 4 Non-ASCII The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.

- 5 Variable Length Sequence(s) contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.

- 6 PatentIn 2.0
 "bug" A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s) . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.

- 7 Skipped Sequences
 (OLD RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence:
 (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)
 (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)
 This sequence is intentionally skipped
 Please also adjust the "(ii) NUMBER OF SEQUENCES." response to include the skipped sequences.

- 8 Skipped Sequences
 (NEW RULES) Sequence(s) missing. If intentional, please insert the following lines for each skipped sequence.
 <210> sequence id number
 <400> sequence id number
 000

- 9 Use of n's or Xaa's
 (NEW RULES) Use of n's and/or Xaa's have been detected in the Sequence Listing.
 Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.
 In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.

- 10 Invalid <213>
 Response Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence. (see item 11 below)

- 11 Use of <220> Sequence(s) missing the <220> "Feature" and associated numeric identifiers and responses. Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown."
 Please explain source of genetic material in <220> to <223> section or use "chemically synthesized" as explanation. (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32), also Sec. 1.823 of Sequence Rules

- 12 PatentIn 2.0
 "bug" Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.

- 13 Misuse of n/Xaa "n" can only represent a single nucleotide; "Xaa" can only represent a single amino acid



PCT

RAW SEQUENCE LISTING

DATE: 03/03/2006

PATENT APPLICATION: US/10/523,400

TIME: 12:55:26

Input Set : A:\US10523400-seq list.txt

Output Set: N:\CRF4\03032006\J523400.raw

5 <110> APPLICANT: Bernard Pau
 7 <120> TITLE OF INVENTION: Specific antibodies for diagnosing heart failure
 9 <130> FILE REFERENCE: P70365US0
 11 <140> CURRENT APPLICATION NUMBER: US 10/523,400
 12 <141> CURRENT FILING DATE: 2005-02-03
 14 <150> PRIOR APPLICATION NUMBER: PCT/FR03/02483
 15 <151> PRIOR FILING DATE: 2003-08-07
 17 <150> PRIOR APPLICATION NUMBER: FR 0210063
 18 <151> PRIOR FILING DATE: 2002-08-07
 20 <160> NUMBER OF SEQ ID NOS: 124
 22 <170> SOFTWARE: PatentIn version 3.1
 24 <210> SEQ ID NO: 1
 25 <211> LENGTH: 108
 26 <212> TYPE: PRT
 27 <213> ORGANISM: Homo sapiens : proBNP(1-108)
 30 <400> SEQUENCE: 1
 32 His Pro Leu Gly Ser Pro Gly Ser Ala Ser Asp Leu Glu Thr Ser Gly
 33 1 5 10 15
 36 Leu Gln Glu Gln Arg Asn His Leu Gln Gly Lys Leu Ser Glu Leu Gln
 37 20 25 30
 40 Val Glu Gln Thr Ser Leu Glu Pro Leu Gln Glu Ser Pro Arg Pro Thr
 41 35 40 45
 44 Gly Val Trp Lys Ser Arg Glu Val Ala Thr Glu Gly Ile Arg Gly His
 45 50 55 60
 48 Arg Lys Met Val Leu Tyr Thr Leu Arg Ala Pro Arg Ser Pro Lys Met
 49 65 70 75 80
 52 Val Gln Gly Ser Gly Cys Phe Gly Arg Lys Met Asp Arg Ile Ser Ser
 53 85 90 95
 56 Ser Ser Gly Leu Gly Cys Lys Val Leu Arg Arg His
 57 100 105
 60 <210> SEQ ID NO: 2
 61 <211> LENGTH: 32
 62 <212> TYPE: PRT
 63 <213> ORGANISM: Homo sapiens : proBNP(77-108)
 67 <400> SEQUENCE: 2
 69 Ser Pro Lys Met Val Gln Gly Ser Gly Cys Phe Gly Arg Lys Met Asp
 70 1 5 10 15
 73 Arg Ile Ser Ser Ser Ser Gly Leu Gly Cys Lys Val Leu Arg Arg His
 74 20 25 30
 77 <210> SEQ ID NO: 3
 78 <211> LENGTH: 76
 79 <212> TYPE: PRT
 80 <213> ORGANISM: Homo sapiens : proBNP(1-76)

Does Not Comply
Corrected Diskette Needed
CPG-2, 3, 4, 5

RAW SEQUENCE LISTING

DATE: 03/03/2006

PATENT APPLICATION: US/10/523,400

TIME: 12:55:26

Input Set : A:\US10523400-seq list.txt

Output Set: N:\CRF4\03032006\J523400.raw

83 <400> SEQUENCE: 3

85 His Pro Leu Gly Ser Pro Gly Ser Ala Ser Asp Leu Glu Thr Ser Gly

86 1 5 10 15

88 Leu Gln Glu Gln Arg Asn His Leu Gln Gly Lys Leu Ser Glu Leu Gln

89 20 25 30

91 Val Glu Gln Thr Ser Leu Glu Pro Leu Gln Glu Ser Pro Arg Pro Thr

92 35 40 45

94 Gly Val Trp Lys Ser Arg Glu Val Ala Thr Glu Gly Ile Arg Gly His

95 50 55 60

97 Arg Lys Met Val Leu Tyr Thr Leu Arg Ala Pro Arg

98 65 70 75

101 <210> SEQ ID NO: 4

102 <211> LENGTH: 16

103 <212> TYPE: PRT

104 <213> ORGANISM: Artificial Sequence : proBNP(70-85)

107 <220> FEATURE:

108 <221> NAME/KEY: MOD_RES

109 <222> LOCATION: (1)..(1)

110 <223> OTHER INFORMATION: Acetylation

112 <400> SEQUENCE: 4

114 Tyr Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly

115 1 5 10 15

118 <210> SEQ ID NO: 5

119 <211> LENGTH: 6

120 <212> TYPE: PRT

121 <213> ORGANISM: Artificial Sequence : proBNP(73-78)

124 <220> FEATURE:

125 <221> NAME/KEY: MOD_RES

126 <222> LOCATION: (1)..(1)

127 <223> OTHER INFORMATION: Acetylation

129 <400> SEQUENCE: 5

131 Arg Ala Pro Arg Ser Pro

132 1 5

135 <210> SEQ ID NO: 6

136 <211> LENGTH: 8

137 <212> TYPE: PRT

138 <213> ORGANISM: Artificial Sequence : peptide

141 <220> FEATURE:

142 <221> NAME/KEY: MOD_RES

143 <222> LOCATION: (1)..(1)

144 <223> OTHER INFORMATION: Acetylation

147 <400> SEQUENCE: 6

149 Cys Gly Arg Ala Pro Arg Ser Pro

150 1 5

153 <210> SEQ ID NO: 7

154 <211> LENGTH: 8

155 <212> TYPE: PRT

156 <213> ORGANISM: Artificial Sequence : peptide

159 <220> FEATURE:

9 of 2237 Responses are
 Artificial or Unknown.
 Pls Explain the Source of
 Genetic Material on
 Line 2237. See Item
 # 10 on Error Summar
 Sheet.

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/523,400

DATE: 03/03/2006
TIME: 12:55:26

Input Set : A:\US10523400-seq list.txt
Output Set: W:\CRF4\03032006\J523400.raw

160 <221> NAME/KEY: MOD_RES
161 <222> LOCATION: (1)..(1)
162 <223> OTHER INFORMATION: Acetylation
165 <400> SEQUENCE: 7
167 Cys Gly Arg Ala Pro Arg Ser Pro
168 1 5
171 <210> SEQ ID NO: 8
172 <211> LENGTH: 9
173 <212> TYPE: PRT
174 <213> ORGANISM: Artificial Sequence : peptide
177 <220> FEATURE:
178 <221> NAME/KEY: MOD_RES
179 <222> LOCATION: (1)..(1)
180 <223> OTHER INFORMATION: Acetylation
183 <400> SEQUENCE: 8
185 Cys Gly Arg Ala Pro Arg Ser Pro Lys
186 1 5
189 <210> SEQ ID NO: 9
190 <211> LENGTH: 9
191 <212> TYPE: PRT
192 <213> ORGANISM: Artificial Sequence : peptide
195 <220> FEATURE:
196 <221> NAME/KEY: MOD_RES
197 <222> LOCATION: (1)..(1)
198 <223> OTHER INFORMATION: Acetylation
201 <400> SEQUENCE: 9
203 Cys Gly Arg Ala Pro Arg Ser Pro Lys
204 1 5
207 <210> SEQ ID NO: 10
208 <211> LENGTH: 11
209 <212> TYPE: PRT
210 <213> ORGANISM: Artificial Sequence : peptide
213 <220> FEATURE:
214 <221> NAME/KEY: MOD_RES
215 <222> LOCATION: (1)..(1)
216 <223> OTHER INFORMATION: Acetylation
219 <400> SEQUENCE: 10
221 Cys Gly Arg Ala Pro Arg Ser Pro Lys Met Val
222 1 5 10
225 <210> SEQ ID NO: 11
226 <211> LENGTH: 15
227 <212> TYPE: PRT
228 <213> ORGANISM: Artificial Sequence : peptide
231 <220> FEATURE:
232 <221> NAME/KEY: MOD_RES
233 <222> LOCATION: (1)..(1)
234 <223> OTHER INFORMATION: Acetylation
237 <400> SEQUENCE: 11
239 Cys Gly Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser Gly

Same Error

RAW SEQUENCE LISTING

PATENT APPLICATION: US/10/523,400

DATE: 03/03/2006

TIME: 12:55:26

Input Set : A:\US10523400-seq list.txt

Output Set: N:\CRF4\03032006\J523400.raw

```

240 1          5          10          15
243 <210> SEQ ID NO: 12
245 <211> LENGTH: 8
247 <212> TYPE: PRT
249 <213> ORGANISM: Artificial Sequence : peptide
252 <220> FEATURE:
253 <221> NAME/KEY: MOD_RES
254 <222> LOCATION: (1)..(1)
255 <223> OTHER INFORMATION: Acetylation
259 <400> SEQUENCE: 12
261 Arg Ala Pro Arg Ser Pro Gly Cys
262 1          5
265 <210> SEQ ID NO: 13
267 <211> LENGTH: 8
269 <212> TYPE: PRT
271 <213> ORGANISM: Artificial Sequence : peptide
275 <220> FEATURE:
277 <221> NAME/KEY: MOD_RES
279 <222> LOCATION: (1)..(1)
281 <223> OTHER INFORMATION: Acetylation
285 <400> SEQUENCE: 13
287 Arg Ala Pro Arg Ser Pro Gly Cys
288 1          5
291 <210> SEQ ID NO: 14
293 <211> LENGTH: 11
295 <212> TYPE: PRT
297 <213> ORGANISM: Artificial Sequence : peptide
301 <220> FEATURE:
303 <221> NAME/KEY: MOD_RES
305 <222> LOCATION: (1)..(1)
307 <223> OTHER INFORMATION: Acetylation
311 <400> SEQUENCE: 14
313 Cys Tyr Thr Leu Arg Ala Pro Arg Ser Pro Lys
314 1          5          10
317 <210> SEQ ID NO: 15
319 <211> LENGTH: 17
321 <212> TYPE: PRT
323 <213> ORGANISM: Artificial Sequence : peptide
326 <220> FEATURE:
327 <221> NAME/KEY: MOD_RES
328 <222> LOCATION: (1)..(1)
329 <223> OTHER INFORMATION: Acetylation
333 <400> SEQUENCE: 15
335 Cys His Arg Lys Met Val Leu Tyr Thr Leu Arg Ala Pro Arg Ser Pro
336 1          5          10          15
339 Lys
343 <210> SEQ ID NO: 16
345 <211> LENGTH: 17
347 <212> TYPE: PRT

```

Same Error

RAW SEQUENCE LISTING
PATENT APPLICATION: US/10/523,400

DATE: 03/03/2006
TIME: 12:55:26

Input Set : A:\US10523400-seq list.txt
Output Set: N:\CRF4\03032006\J523400.raw

349 <213> ORGANISM: Artificial Sequence : peptide
352 <220> FEATURE:
353 <221> NAME/KEY: MOD_RES
354 <222> LOCATION: (1)..(1)
355 <223> OTHER INFORMATION: Acetylation
359 <400> SEQUENCE: 16
361 Cys Tyr Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser
362 1 5 10 15
365 Gly
369 <210> SEQ ID NO: 17
371 <211> LENGTH: 17
373 <212> TYPE: PRT
375 <213> ORGANISM: Artificial Sequence : peptide
378 <220> FEATURE:
379 <221> NAME/KEY: MOD_RES
380 <222> LOCATION: (1)..(1)
381 <223> OTHER INFORMATION: Acetylation
385 <400> SEQUENCE: 17
387 Cys Phe Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser
388 1 5 10 15
391 Gly
395 <210> SEQ ID NO: 18
397 <211> LENGTH: 17
399 <212> TYPE: PRT
401 <213> ORGANISM: Artificial Sequence : peptide
404 <220> FEATURE:
405 <221> NAME/KEY: MOD_RES
406 <222> LOCATION: (1)..(1)
407 <223> OTHER INFORMATION: Acetylation
411 <400> SEQUENCE: 18
413 Cys Phe Ser Ile Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser
414 1 5 10 15
417 Gly
421 <210> SEQ ID NO: 19
423 <211> LENGTH: 17
425 <212> TYPE: PRT
427 <213> ORGANISM: Artificial Sequence : peptide
431 <220> FEATURE:
433 <221> NAME/KEY: MOD_RES
435 <222> LOCATION: (17)..(17)
437 <223> OTHER INFORMATION: bala
441 <400> SEQUENCE: 19
443 Cys Tyr Thr Leu Arg Ala Pro Arg Ser Pro Lys Met Val Gln Gly Ser
444 1 5 10 15
447 Ala
451 <210> SEQ ID NO: 20
453 <211> LENGTH: 17
455 <212> TYPE: PRT
457 <213> ORGANISM: Artificial Sequence : peptide

Same Error

The type of errors shown exist throughout
the Sequence Listing. Please check subsequent
sequences for similar errors.

VERIFICATION SUMMARY

PATENT APPLICATION: US/10/523,400

DATE: 03/03/2006

TIME: 12:55:27

Input Set : A:\US10523400-seq list.txt

Output Set: N:\CRF4\03032006\J523400.raw